

Amendment

In the claims:

1-44. (Cancelled)

45. (Previously Amended) Plant matter comprising dicotyledonous plant cells that express a mammalian peptide.

46. (Previously Amended) The plant matter according to claim 45, wherein said dicotyledonous plant cells are seed cells.

47. (Previously Amended) The plant matter according to claim 45, wherein said dicotyledonous plant cells are rapeseed cells.

48. (Previously Added) The plant matter according to claim 45, wherein said mammalian peptide is a mature mammalian peptide.

49. (Previously Amended) The plant matter according to claim 45, wherein said dicotyledonous plant cells are tobacco plant cells.

50. (Currently Amended) The plant matter according to claim 45, wherein said mammalian peptide is an interferon.

51-53. (Cancelled)

54. (Currently Amended) Dicotyledonous plant cells comprising: a first expression cassette, said first expression cassette comprises ~~having as~~ operatively linked components in the direction of transcription (1) a first transcriptional and translational initiation region functional in said dicotyledonous plant cells, (2) a first structural gene coding for a mammalian peptide, and (3) a first termination region, whereby said dicotyledonous plant cells express said first structural gene.

55. (Cancelled)

56. (Currently Amended) The dicotyledonous plant cells according to claim 54, wherein said dicotyledonous plant cells are tobacco plant cells.

57. (Currently Amended) The dicotyledonous plant cells according to claim 54, wherein said dicotyledonous plant cells are seed cells.

58. (Currently Amended) The dicotyledonous plant cells according to claim 54, wherein said dicotyledonous plant cells are rapeseed cells.

59. (Previously Added) The dicotyledonous plant cells according to claim 54, wherein said first expression cassette further comprises (4) a T-DNA boundary.

60. (Previously Added) The dicotyledonous plant cells according to claim 54, wherein said first transcriptional and translational initiation region is inducible.

61. (Previously Added) The dicotyledonous plant cells according to claim 54, wherein said mammalian peptide is an interferon.

62-73. (Cancelled)